Listing of Claims:

1.   (previously presented) A method for checking a bearer channel connection in a telecommunication system, comprising:

a first media gateway;

a second media gateway;

a packet-oriented data network adapted to implement the connection between the first media gateway and the second media gateway; and

a first controller controlling at least the first media gateway,

wherein for a connection continuity check, the first controller indicates to the second media gateway that a test signal sent by the first media gateway is being sent back to the first media gateway in order to check whether the bearer channel connection is through-connected between the first and second media gateway.

2.   (previously presented) A method according to Claim 1, wherein the first controller sends the indication via a second controller assigned to the second media gateway.

3.   (previously presented) A method according to Claim 2, wherein the first controller controls the first media gateway in such a way that the first media gateway sends the test signal to the second media gateway via the packet-oriented data network and waits a pre-defined time for the test signal to be sent back by the second media gateway.

4.   (previously presented) A method according to Claim 3, wherein the first media gateway check whether the test signal originates from the address indicated by the second media gateway after it receives the returned test signal.

5.   (previously presented) A method according to Claim 2, wherein a call feature server provides call services.

6.   (previously presented) An arrangement for testing a bearer channel connection in a telecommunication system comprising:

a packet-oriented data network;

a first media gateway connected to a second media gateway; and

a first call-related controller assigned to at least the first media gateway, the first call-related controller including test equipment adapted to indicate to the second media gateway that a test signal sent by the first media gateway for a connection continuity check is being sent back to the first media gateway by the second media gateway.

7.   (previously presented) An arrangement according to Claim 6, wherein a timer allocates the waiting time for receiving the returned test signal at the first media gateway.

8.   (previously presented) An arrangement according to Claim 6, wherein test equipment checks an address of a test signal received at the first media gateway.

9.   (previously presented) An arrangement according to claim 6, wherein the test signal in s test bit pattern.

10.   (previously presented) An arrangement according to Claim 6, wherein the packet-oriented data network is an IP- or ATM-based network.

11.   (previously presented) An arrangement according to Claim 6, wherein terminals of IP subscribers are directly connected to at least one controller.

12.   (previously presented) An arrangement according to Claim 11, wherein the terminals are connected via DSS1 or via at least one exchange.

13.   (previously presented) A method according to Claim 1, wherein the checking of the bearer channel connection ensures the continuity of the bearer channel connection.

14.   (previously presented) A method according to Claim 1, wherein the test signal is a test bit pattern.

15.   (previously presented) A method according to Claim 1, wherein the packet-oriented data network is an IP- or ATM-based network.

16.   (previously presented) A method according to Claim 3, wherein a call feature server provides call services.

17.   (previously presented) An arrangement according to Claim 7, wherein test equipment checks an address of a test signal received at the first media gateway.